



Course ID	Course Title	Prerequisites	Language	Level	Description	Learning Objectives	Assessment Methods	Textbook	Notes	Faculty	Department	Location	Time	Days	Term
BIOL 101	General Biology	None	English	First-Year	Introduction to the study of life, including the characteristics of living organisms, the scientific method, and the history of biology.	Understand the scientific method and its application to biology. Describe the characteristics of living organisms and the scientific method.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 101 is a prerequisite for BIOL 102 and BIOL 103.	Dr. [Name]	Biology	Room 101	9:00 AM - 10:00 AM	Tu, Th	Fall
BIOL 102	General Biology	BIOL 101	English	First-Year	Continuation of BIOL 101, covering cell structure and function, and the molecular basis of inheritance.	Describe the structure and function of cells. Explain the molecular basis of inheritance and the role of DNA.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 102 is a prerequisite for BIOL 103.	Dr. [Name]	Biology	Room 101	10:00 AM - 11:00 AM	Tu, Th	Fall
BIOL 103	General Biology	BIOL 101, BIOL 102	English	First-Year	Continuation of BIOL 101 and BIOL 102, covering evolution and the diversity of life.	Explain the process of evolution and the diversity of life. Describe the major groups of organisms and their characteristics.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 103 is a prerequisite for BIOL 104.	Dr. [Name]	Biology	Room 101	11:00 AM - 12:00 PM	Tu, Th	Fall
BIOL 201	Cell Biology	BIOL 102	English	Second-Year	Study of the structure and function of cells, including the cell cycle and cell signaling.	Describe the structure and function of cells. Explain the cell cycle and cell signaling.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 201 is a prerequisite for BIOL 202.	Dr. [Name]	Biology	Room 101	9:00 AM - 10:00 AM	Tu, Th	Spring
BIOL 202	Cell Biology	BIOL 201	English	Second-Year	Continuation of BIOL 201, covering the molecular basis of cell function.	Describe the molecular basis of cell function. Explain the role of proteins and lipids in cell function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 202 is a prerequisite for BIOL 203.	Dr. [Name]	Biology	Room 101	10:00 AM - 11:00 AM	Tu, Th	Spring
BIOL 203	Cell Biology	BIOL 201, BIOL 202	English	Second-Year	Continuation of BIOL 201 and BIOL 202, covering the cell cycle and cell signaling.	Describe the cell cycle and cell signaling. Explain the role of DNA and RNA in cell function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 203 is a prerequisite for BIOL 204.	Dr. [Name]	Biology	Room 101	11:00 AM - 12:00 PM	Tu, Th	Spring
BIOL 301	Plant Biology	BIOL 103	English	Third-Year	Study of the structure and function of plants, including photosynthesis and plant growth.	Describe the structure and function of plants. Explain photosynthesis and plant growth.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 301 is a prerequisite for BIOL 302.	Dr. [Name]	Biology	Room 101	9:00 AM - 10:00 AM	Tu, Th	Fall
BIOL 302	Plant Biology	BIOL 301	English	Third-Year	Continuation of BIOL 301, covering the molecular basis of plant function.	Describe the molecular basis of plant function. Explain the role of hormones and signaling in plant function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 302 is a prerequisite for BIOL 303.	Dr. [Name]	Biology	Room 101	10:00 AM - 11:00 AM	Tu, Th	Fall
BIOL 303	Plant Biology	BIOL 301, BIOL 302	English	Third-Year	Continuation of BIOL 301 and BIOL 302, covering the cell cycle and cell signaling.	Describe the cell cycle and cell signaling. Explain the role of DNA and RNA in plant function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 303 is a prerequisite for BIOL 304.	Dr. [Name]	Biology	Room 101	11:00 AM - 12:00 PM	Tu, Th	Fall
BIOL 401	Ecology	BIOL 103	English	Fourth-Year	Study of the interactions between organisms and their environment, including population dynamics and community structure.	Describe the interactions between organisms and their environment. Explain population dynamics and community structure.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 401 is a prerequisite for BIOL 402.	Dr. [Name]	Biology	Room 101	9:00 AM - 10:00 AM	Tu, Th	Spring
BIOL 402	Ecology	BIOL 401	English	Fourth-Year	Continuation of BIOL 401, covering the molecular basis of ecological function.	Describe the molecular basis of ecological function. Explain the role of hormones and signaling in ecological function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 402 is a prerequisite for BIOL 403.	Dr. [Name]	Biology	Room 101	10:00 AM - 11:00 AM	Tu, Th	Spring
BIOL 403	Ecology	BIOL 401, BIOL 402	English	Fourth-Year	Continuation of BIOL 401 and BIOL 402, covering the cell cycle and cell signaling.	Describe the cell cycle and cell signaling. Explain the role of DNA and RNA in ecological function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 403 is a prerequisite for BIOL 404.	Dr. [Name]	Biology	Room 101	11:00 AM - 12:00 PM	Tu, Th	Spring
BIOL 501	Evolution	BIOL 103	English	Fifth-Year	Study of the process of evolution, including the fossil record and molecular evolution.	Describe the process of evolution. Explain the fossil record and molecular evolution.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 501 is a prerequisite for BIOL 502.	Dr. [Name]	Biology	Room 101	9:00 AM - 10:00 AM	Tu, Th	Fall
BIOL 502	Evolution	BIOL 501	English	Fifth-Year	Continuation of BIOL 501, covering the molecular basis of evolutionary function.	Describe the molecular basis of evolutionary function. Explain the role of hormones and signaling in evolutionary function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 502 is a prerequisite for BIOL 503.	Dr. [Name]	Biology	Room 101	10:00 AM - 11:00 AM	Tu, Th	Fall
BIOL 503	Evolution	BIOL 501, BIOL 502	English	Fifth-Year	Continuation of BIOL 501 and BIOL 502, covering the cell cycle and cell signaling.	Describe the cell cycle and cell signaling. Explain the role of DNA and RNA in evolutionary function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 503 is a prerequisite for BIOL 504.	Dr. [Name]	Biology	Room 101	11:00 AM - 12:00 PM	Tu, Th	Fall
BIOL 601	Developmental Biology	BIOL 103	English	Sixth-Year	Study of the development of organisms, including embryology and cell differentiation.	Describe the development of organisms. Explain embryology and cell differentiation.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 601 is a prerequisite for BIOL 602.	Dr. [Name]	Biology	Room 101	9:00 AM - 10:00 AM	Tu, Th	Spring
BIOL 602	Developmental Biology	BIOL 601	English	Sixth-Year	Continuation of BIOL 601, covering the molecular basis of developmental function.	Describe the molecular basis of developmental function. Explain the role of hormones and signaling in developmental function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 602 is a prerequisite for BIOL 603.	Dr. [Name]	Biology	Room 101	10:00 AM - 11:00 AM	Tu, Th	Spring
BIOL 603	Developmental Biology	BIOL 601, BIOL 602	English	Sixth-Year	Continuation of BIOL 601 and BIOL 602, covering the cell cycle and cell signaling.	Describe the cell cycle and cell signaling. Explain the role of DNA and RNA in developmental function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 603 is a prerequisite for BIOL 604.	Dr. [Name]	Biology	Room 101	11:00 AM - 12:00 PM	Tu, Th	Spring
BIOL 701	Immunology	BIOL 103	English	Seventh-Year	Study of the immune system, including the structure and function of immune cells.	Describe the immune system. Explain the structure and function of immune cells.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 701 is a prerequisite for BIOL 702.	Dr. [Name]	Biology	Room 101	9:00 AM - 10:00 AM	Tu, Th	Fall
BIOL 702	Immunology	BIOL 701	English	Seventh-Year	Continuation of BIOL 701, covering the molecular basis of immune function.	Describe the molecular basis of immune function. Explain the role of hormones and signaling in immune function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 702 is a prerequisite for BIOL 703.	Dr. [Name]	Biology	Room 101	10:00 AM - 11:00 AM	Tu, Th	Fall
BIOL 703	Immunology	BIOL 701, BIOL 702	English	Seventh-Year	Continuation of BIOL 701 and BIOL 702, covering the cell cycle and cell signaling.	Describe the cell cycle and cell signaling. Explain the role of DNA and RNA in immune function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 703 is a prerequisite for BIOL 704.	Dr. [Name]	Biology	Room 101	11:00 AM - 12:00 PM	Tu, Th	Fall
BIOL 801	Microbiology	BIOL 103	English	Eighth-Year	Study of microorganisms, including bacteria, fungi, and viruses.	Describe microorganisms. Explain bacteria, fungi, and viruses.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 801 is a prerequisite for BIOL 802.	Dr. [Name]	Biology	Room 101	9:00 AM - 10:00 AM	Tu, Th	Spring
BIOL 802	Microbiology	BIOL 801	English	Eighth-Year	Continuation of BIOL 801, covering the molecular basis of microbial function.	Describe the molecular basis of microbial function. Explain the role of hormones and signaling in microbial function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 802 is a prerequisite for BIOL 803.	Dr. [Name]	Biology	Room 101	10:00 AM - 11:00 AM	Tu, Th	Spring
BIOL 803	Microbiology	BIOL 801, BIOL 802	English	Eighth-Year	Continuation of BIOL 801 and BIOL 802, covering the cell cycle and cell signaling.	Describe the cell cycle and cell signaling. Explain the role of DNA and RNA in microbial function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 803 is a prerequisite for BIOL 804.	Dr. [Name]	Biology	Room 101	11:00 AM - 12:00 PM	Tu, Th	Spring
BIOL 901	Biotechnology	BIOL 103	English	Ninth-Year	Study of the application of biological processes to industry, including genetic engineering and biopharmaceuticals.	Describe the application of biological processes to industry. Explain genetic engineering and biopharmaceuticals.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 901 is a prerequisite for BIOL 902.	Dr. [Name]	Biology	Room 101	9:00 AM - 10:00 AM	Tu, Th	Fall
BIOL 902	Biotechnology	BIOL 901	English	Ninth-Year	Continuation of BIOL 901, covering the molecular basis of biotechnological function.	Describe the molecular basis of biotechnological function. Explain the role of hormones and signaling in biotechnological function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 902 is a prerequisite for BIOL 903.	Dr. [Name]	Biology	Room 101	10:00 AM - 11:00 AM	Tu, Th	Fall
BIOL 903	Biotechnology	BIOL 901, BIOL 902	English	Ninth-Year	Continuation of BIOL 901 and BIOL 902, covering the cell cycle and cell signaling.	Describe the cell cycle and cell signaling. Explain the role of DNA and RNA in biotechnological function.	Exams, lab reports, and class participation.	Life: The Science of Biology (11th Edition) by Campbell and Reece	BIOL 903 is a prerequisite for BIOL 904.	Dr. [Name]	Biology	Room 101	11:00 AM - 12:00 PM	Tu, Th	Fall





